

Message Text

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ACTION EB-06

INFO OCT-01 CIAE-00 COME-00 DODE-00 NSAE-00 RSC-01 TRSE-00

EUR-08 AEC-05 ISO-00 MC-01 EA-06 DRC-01 /029 W

----- 022173

R 171207Z OCT 74

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TO SECSTATE WASH DC 3935

C O N F I D E N T I A L SECTION 01 OF 03 OECD PARIS 24486

EXCON

E.O. 11652: XGDS1

TAGS: ESTC, COCOM

SUBJECT: REVIEW OF IL 1565 - COMPUTERS

REF: A. COCOM DOC. REF (71) 1565/15

B. OECD PARIS 24226

SUMMARY: THIS MESSAGE REPORTS THIRD DAY OF COMPUTER REVIEW DISCUSSIONS. SEVERAL MEMBERS DESIRED MORE LIBERAL PARAMETERS FOR COMPUTERS AND EQUIPMENT FOR ADMINISTRATIVE EXCEPTION TREATMENT IN NOTE 3. NOTE 4 ACCEPTED. NOTE 5 RAN INTO DIFFICULTY ON ISSUE OF "CIVIL" VERSUS "NON-STRATEGIC" USES, REQUIREMENT OF SIGNED END-USE STATEMENT, AND, TO LESSER EXTENT, VERIFICATION REQUIREMENTS. FRENCH MADE RATHER IMPASSIONED DECLARATION THAT NOTE 5 CONDITIONS REIMPOSE CHINA DIFFERENTIAL, BUT THEY WERE REBUTTED BY US, UK, AND --TO MODEST EXTENT--JAPANESE DELS. DISCUSSION WILL CONTINUE THURSDAY AND FRIDAY. END SUMMARY.

1. CONTINUED DISCUSSION ON REF A STARTING WITH NOTE 3(D)
(1). AS GENERAL MATTER, ON ALL CHANGES TO REF. A INDICATED BELOW, US RESERVED AFTER ATTEMPTING TO CONVINCE OTHER DELS NOT TO PROPOSE MAJOR CHANGES TO US PROPOSAL. GERMAN DEL WOULD LIKE TO DROP BUS RATE AS PARAMETER. HOWEVER, RECOGNIZING THAT THERE WOULD BE NO CONSENSUS
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SUGGESTED RAISING PARAMETER TO 45 MILLION BITS PER

SECOND, REASON BEING NEW UNIDATA 7.720 WITH PDR OF 3 MILLION BITS PER SECOND AND BUS RATE OF 44.4 MILLION BITS PER SECOND. ALL DELS FAVORED DROPPING BUS RATE BUT WERE WILLING TO ACCEPT GERMAN PROPOSAL. US STRONGLY INDICATED NEED FOR BUS RATE AS PARAMETER TO MAINTAIN EMBARGO OF CERTAIN COMPUTERS WITH NO HARDWARE FLOATING POINT. AFTER DISCUSSION ON DIFFICULTIES OF OBTAINING DATA TO COMPUTE BUS RATE, US DEL OFFERED TO DISCUSS OTHER FORMS OF PARAMETERS BASED ON TAC STUDIES. HOWEVER, CONSENSUS INDICATED DELS MORE INTERESTED IN COMPLETING CONSIDERATION OF REF A THAN INVESTIGATING NEW PARAMETERS, WHICH SHOULD BE LEFT TO 1974 LR ON IL 1565.

2. NOTE 3 PARTS (D)(2), (3), (4)(I) AND (4)(II) ACCEPTED BY ALL DELS WITHOUT CHANGE FROM REF. A. ON PART (D)(4)(III), UK SUGGESTED TAPE DRIVES BECAUSE OF NEED FOR ON-LINE SPARES PARTICULARLY FOR REMOTE LOCATION SUCH AS PRC. ALL DELS COULD ACCEPT EITHER 6 OR 8 DRIVES OR ONLY 8 DRIVES. (COMMENT: THIS PARAMETER IN US FALLBACK POSITION IS 12 DRIVES.)

3. ON PART (D)(4) ALL DELS COULD ACCEPT ALL SUB-PARTS. THE ITALIAN DEL RAISED ISSUE THAT CARTRIDGE TAPE DRIVES WHICH COULD BE EXPORTED AS A.E. IN REF. A NOTE 6(B) COULD NOT BE EXPORTED UNDER NOTE 3(D)(4)(IV)(C) BECAUSE THEY USE ONE INCH TAPES. AFTER SEVERAL SUGGESTIONS ITALY TABLED SOU WHICH ENDED UP AS QUOTE LIMITS OF NOTE 3(D)(4)(III) AND (IV) DO NOT APPLY TO CASSETTE OR CARTRIDGE TAPE DRIVES SATISFYING THE REQUIREMENT OF NOTE 6(B) UNQUOTE. ALL DELS ACCEPTED SOU. US ALSO OFFERED TO CONSIDER POSSIBLE WORDING.

4. RETURNING TO PART (D)(4)(II), JAPANESE DEL REQUESTED CHANGE TO 106 MILLION BITS PER SECOND BECAUSE OF FACOM 603K AND N TAPE DRIVES OPERATED AT 120 INCHES PER SECOND (1.5 PLUS MILLION BITS PER SECOND). ALL DELS ACCEPTED PROPOSAL.

5. ON PART (D)(4)(V)(A), GERMAN DEL PROPOSED INCREASING LEVEL TO 960 MILLION BITS SINCE MANY INSTALLATIONS RECONFIDENTIAL

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QUIRE THREE 2314-LIKE DRIVES WITH ONE ON-LINE SPARE. AFTER SOME DISCUSSION OF SINGLE DENSITY VERSUS DOUBLE DENSITY 2314 DRIVES AND SECURITY ISSUES, ALL DELS ACCEPTED GERMAN PROPOSAL. (COMMENT: THIS PARAMETER IN US FALL BACK POSITION IS 950 MILLION BITS).

6. ON PART (D)(4)(V)(B), GERMAN DEL PROPOSED INCREASING

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EUR-08 AEC-05 ISO-00 MC-01 EA-06 DRC-01 /029 W

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R 171207Z OCT 74

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MEMORY PERFORMANCE FACTOR TO 27000. UK DEL RESERVED AND PROPOSED LEVEL OF 52000. UK POSITION IS THAT THIS EQUIPMENT, I.E., EDS 60 DUAL DENSITY 2314, DID NOT AFFECT SECURITY ADVERSELY. ALSO SEVERAL DELS INDICATED THAT SINGLE DENSITY 2314-LIKE DEVICES NO LONGER PRODUCED. US DEL CHALLENGED STATEMENT AND DEFENDED POSITION ON BASIS OF SECURITY RISK AND LIMITATIONS OF AE PROCEDURES. US DEL ALSO INDICATED THAT THERE WOULD ALWAYS BE EQUIPMENT ABOVE AE LEVEL AND THAT WAS NO REASON TO MOVE AE LEVEL. ALL DELS ACCEPTED UK PROPOSAL, JAPAN OPEN-MINDED. (COMMENT: THIS PARAMETER IN US FALL-BACK POSITION IS 32000.)

7. ON PART (D)(4)(V)(C), JAPANESE DEL PROPOSED AN "AVERAGE SEEK TIME" PARAMETER TO REPLACE THIS PART. AFTER SOME DISCUSSION, JAPANESE WITHDREW PROPOSAL BECAUSE OF TIME NEEDED TO ANALYZE AND ACCEPT NEW DEFINITION. PROPOSAL TO BE DISCUSSED IN 1974 LR ON 1565. THEN ALL DELS ACCEPTED US POSITION.

8. AT THIS POINT, ITALIAN DEL SUGGESTED LEAVING THEIR PROPOSAL FOR AN SOU ON CASSETTE TAPE DRIVES (PARA. 3 ABOVE) TO 1974 LR ON 1565. PART (D)(5) NOT DISCUSSED BECAUSE SUB-ITEM (E) ISSUE NOT SETTLED.

9. PARTS (D)(6) AND (7)(I) OF REF A ACCEPTED BY ALL
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DELS. ON PART (D)(7)(II), AFTER SOME DISCUSSION ON
WHY PARTS (D)(6) AND (7)(II) WERE DIFFERENT, ITALIAN
DEL PROPOSED INCREASING LEVEL TO 2400 BITS PER SECOND
IN (7)(II). ALL DELS EXCEPT UK ACCEPTED ITALIAN PRO-
POSAL. UK ACCEPTED US POSITION.

10. PARTS (D)(7)(III) AND (IV) OF REF A ACCEPTED BY
ALL DELS. ON PART (E), AFTER SOME DISCUSSION ON HOW
PROCEDURE WOULD OPERATE, ALL DELS EXCEPT JAPANESE AC-
CEPTED US PROPOSAL. JAPANESE DEL RESERVED PENDING
FURTHER STUDY BECAUSE THEY FEEL IT WOULD CAUSE ADDITION-
AL ADMINISTRATIVE BURDEN.

11. ADDITIONS AND CHANGES TO NOTE 4 OF REF A ACCEPTED
BY ALL DELS. US UNDERTOOK TO INTEGRATE DEFINITIONS IN
LOGICAL ORDER.

12. HEADING OF NOTE 5 OF REF A ACCEPTED BY ALL DELS
EXCEPT FOR THE OUTSTANDING ISSUES ON SUB-ITEM (E) AND
NOTE 3, PART (D)(5). ON PART (A), UK COULD NOT ACCEPT
US PROPOSAL BECAUSE OF WORD "CIVIL" RATHER THAN "NON-
STRATEGIC" (SEE REF B). FRENCH, GERMAN AND ITALIAN DELS
COULD ACCEPT US POSITION WHILE OPEN-MINDED TO UK PRO-
POSAL. CANADIAN AND NETHERLANDS DELS SUPPORTED UK,
JAPANESE OPEN-MINDED. WHEN QUESTIONED FURTHER, UK
TOOK STRONG POSITION ON ONLY BEING ABLE TO ACCEPT "NON-
STRATEGIC" AND DEFINED OPPOSITE OF STRATEGIC AS NON-
STRATEGIC AND THE OPPOSITE OF CIVIL AS MILITARY.
CONSIDERING COCOM BASED ON STRATEGIC CRITERIA, UK FELT
ONLY APPROPRIATE APPLICATIONS FOR CONSIDERATION WERE
NON-STRATEGIC. BASED ON EARLIER REQUEST BY US FOR
SPECIFIC CASES IN WHICH THERE WERE MILITARY C
NON-STRATEGIC APPLICATIONS, THE UK DEL STATED THAT
QUESTION WAS UNDER STUDY AND THEY HOPED TO REPLY
SHORTLY.

13. IN AN OFF-THE-RECORD BILATERAL WITH ONE CANADIAN
MEMBER (EVANS) AUTHORIZED TO BRING UP ISSUE WITH U.S.,
HE STATED THAT WORD "CIVIL" GAVE CANADA "POLITICAL" PRO-
BLEMS WITHOUT STATING SPECIFICS. HE STATED THAT IN
THE FUTURE, THE POSSIBILITY COULD EXIST FOR
EXPORTING EQUIPMENT TO MILITARY HOSPITALS WHICH THEY
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CONSIDERED NON-STRATEGIC BUT NOT CIVIL. ALSO CONTROL OVER ORGANIZATION MAKING USE OF SERVICES OF SYSTEM, I.E., MILITARY AIRCRAFT USING FACILITIES OF A CIVIL TRAFFIC CONTROL, WAS IMPOSSIBLE. THEREFORE, WHEN CONSIDERING CERTAIN EXPORTS, "CIVIL" WAS TOO RESTRICTIVE SINCE THEY COULD NOT ASSURE THAT A MILITARY ORGANIZATION WOULD NOT MAKE USE OF THE SERVICES AVAILABLE FROM A CIVIL NON-STRATEGIC APPLICATION OF COMPUTERS. COMMENT: THIS ISSUE HAS BECOME A MAJOR PROBLEM THAT REQUIRES RESOLUTION BEFORE US PROPOSAL ON 1565 CAN BE RESOLVED. US DEL WILL TRY TO PURSUE ISSUE WITH UK AND CANADIAN DEL AND OBTAIN SPECIFIC CASE INFORMATION FOR CONSIDERATION BY WASHINGTON.

14. PARTS (B) AND (C) OF REF A, NOTE 5 ACCEPTED EXCEPT FOR ISSUES RAISED BY SUB-ITEMS (C) AND (G) AND THE WORD CIVIL. ON PART (D), FRANCE OBJECTED TO REQUIRE-

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INFO OCT-01 CIAE-00 COME-00 DODE-00 NSAE-00 RSC-01 TRSE-00

EUR-08 AEC-05 ISO-00 MC-01 EA-06 DRC-01 /029 W

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MENT OF SIGNED END-USE STATEMENT. THEY COULD ACCEPT THE SUBSTANCE OF PART (D) IF IT COULD BE BASED ON AN UNDERTAKING BY THE EXPORTING GOVERNMENT. THIS POSITION BASED ON PRC NOT WILLING TO SIGN STATEMENT AND THEREFORE APPEARANCE OF REINTRODUCTION OF DIFFERENTIAL. WHEN REQUESTED. FRENCH DEL CHANGED THEIR OBJECTION TO RESERVE TO PERMIT OTHER PARTS OF NOTE TO BE DISCUSSED.

GERMAN DEL SYMPATHIZED WITH FRENCH POSITION AND HOPED CONDITIONS COULD BE RELAXED BASED ON CIRCUMSTANCES OF CASE. US DEL INDICATED THAT THERE WAS ALWAYS THE GENERAL EXCEPTION PROCEDURE. WHEN ASKED BY FRENCH DEL, THE JAPANESE DEL STATED THAT US PROPOSAL DID REMOVE OPEN DIFFERENTIAL BUT "THOUGHT" THAT CONDITIONS SHOULD BE RELAXED TO PERMIT COMPARABLE TREATMENT TO BOTH GROUPS OF COUNTRIES.

15. UK DEL TOOK STRONG POSITION IN SUPPORT OF US PROPOSAL STATING THAT COMPUTERS AS LARGE AS THOSE PROPOSED WERE STRATEGIC AND REQUIRED "SECURITY CONDITIONS" SUCH AS US PROPOSED. IF PRC COULD NOT ABIDE BY THESE CONDITIONS THEN IT WAS THEIR CHOICE. UK CONSIDERED THAT PRC FURTHER BEHIND THAN USSR AND THEREFORE COULD BE HELPED MORE IF THEY DIVERTED EQUIPMENT. UK ALSO STATED THAT NOTE 5 HAD TO BE CONSIDERED AS A WHOLE, THE LARGER THE MACHINES THE TOUGHER THE CONDITIONS AND CONVERSELY.
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16. CONTINUING DISCUSSION, UK PROPOSED TO LIMIT RIGHT OF ACCESS "TO NORMAL WORKING HOURS" IN PARTS (D)(III) AND (E)(III), AND DELETION OF (E)(I). GERMAN DEL PROPOSED LIMITING PARTS (D)(III) AND (E)(III) TO TWO YEARS AND ONLY QUARTERLY VISITS. ON PARTS (D) AND (E), FRENCH MAINTAINED THEIR RESERVE (OBJECTION) AND BELGIUM TOOK SAME POSITION AS THE CANADIANS; UK, JAPANESE AND GERMAN DELS ACCEPTED PARTS AS MODIFIED ABOVE. ITALIAN DEL REQUIRED FURTHER STUDY AND RESERVED TEMPORARILY AND NETHERLANDS ACCEPTED US POSITION AND COULD ACCEPT ABOVE CHANGES. COMMENT. THE REQUIREMENT FOR A SIGNED END-USE STATEMENT IS A MAJOR PROBLEM THAT WILL HAVE TO BE RESOLVED BEFORE THE US PROPOSAL CAN BE ACCEPTED.

17. ON PART (F), UK DEL PROPOSED INSERTION AT END OF FOURTH LINE BEFORE "AND" OF "TO THE SPECIFIED USER AND WILL TERMINATE." ALL DELS ACCEPTED PROPOSAL.

18. ON PART (G)(1) GERMAN DEL PROPOSED BUS RATE OF 100 MILLION BITS PER SECOND BECAUSE OF NEW UNIDATA 7.750 (PDR OF 23, BUS RATE OF 75 MILLION BITS PER SECOND PLUS I/O BUS RATE). FRENCH INDICATED THEY HAD ONE COMPUTER WITH BUS RATE OF 110 MILLION BITS PER SECOND, APPARENTLY A VERSION OF HONEYWELL'S 6060, AND PROPOSED INCREASING BUS RATE TO 110. US DEL AGAIN STATED THAT BUS RATE WAS AN INDEPENDENT PARAMETER CONTROLLING CERTAIN CLASSES OF COMPUTERS OF STRATEGIC SIGNIFICANCE WITHOUT FLOATING POINT HARDWARE. ALSO,

THAT WHILE US WILLING TO CONSIDER SOME SMALL CHANGES TO ACCOMMODATE COMMERCIAL EQUIPMENT IT COULD NOT AGREE TO MAJOR CHANGES INDISCRIMINATELY JUST TO ACCOMMODATE CERTAIN COMMERCIAL COMPUTERS. UK, CANADIAN, GERMAN AND ITALIAN DELS COULD ACCEPT A BUS RATE OF EITHER 100 OR 110. BELGIUM AND NETHERLANDS DELS SUPPORTED FRENCH POSITION OF 110. JAPAN FAVORABLE TO FRENCH POSITION. FRENCH DEL STATED THAT BUS RATE OF 110 WAS AN IMPORTANT POINT TO HIS GOVERNMENT. COMMENT: APPARENTLY VARIOUS DELS ARE USING FORTHCOMING US PROPOSAL TO OBTAIN FURTHER CONSIDERABLE RELAXATIONS TO PERMIT MAJOR DATA BASE SYSTEMS TO BE EXPORTED UNDER NOTE 5. CONFIDENTIAL

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EXPECT MAJOR EFFORT AT THURSDAY MEETING TO OBTAIN RELAXATIONS ON 3330 TYPE DRIVES WHILE TRYING TO WEAKEN SECURITY CONDITIONS. US DEL HAS INDICATED BILATERALLY THAT US PROPOSAL WAS A UNIFIED WHOLE AND ATTEMPTS TO OBTAIN MAJOR RELAXATIONS IN ONE AREA COULD RESULT IN CONSIDERABLE CHANGES IN OTHER AREAS. RESULTS OF THESE DISCUSSIONS WILL HAVE TO BE CAREFULLY REVIEWED IN WASHINGTON AS SOON AS RECORD OF DISCUSSION AVAILABLE. TURNER

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: NEGOTIATIONS, COMPUTERS
Control Number: n/a
Copy: SINGLE
Draft Date: 17 OCT 1974
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: shawdg
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1974OECDP24486
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: X1
Errors: N/A
Film Number: D740295-0897
From: OECD PARIS
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1974/newtext/t19741039/aaaabhci.tel
Line Count: 358
Locator: TEXT ON-LINE, ON MICROFILM
Office: ACTION EB
Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 7
Previous Channel Indicators:
Previous Classification: CONFIDENTIAL
Previous Handling Restrictions: n/a
Reference: A. COCOM DOC. REF (71) 1565/15
Review Action: RELEASED, APPROVED
Review Authority: shawdg
Review Comment: n/a
Review Content Flags:
Review Date: 19 MAR 2003
Review Event:
Review Exemptions: n/a
Review History: WITHDRAWN <30 APR 2002 by boyleja, 3.4.X9>; RELEASED <19 MAR 2003 by shawdg>; APPROVED <19 MAR 2003 by shawdg>
Review Markings:

Declassified/Released
US Department of State
EO Systematic Review
30 JUN 2005

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: REVIEW OF IL 1565 - COMPUTERS
TAGS: ESTC, COCOM
To: STATE
Type: TE
Markings: Declassified/Released US Department of State EO Systematic Review 30 JUN 2005